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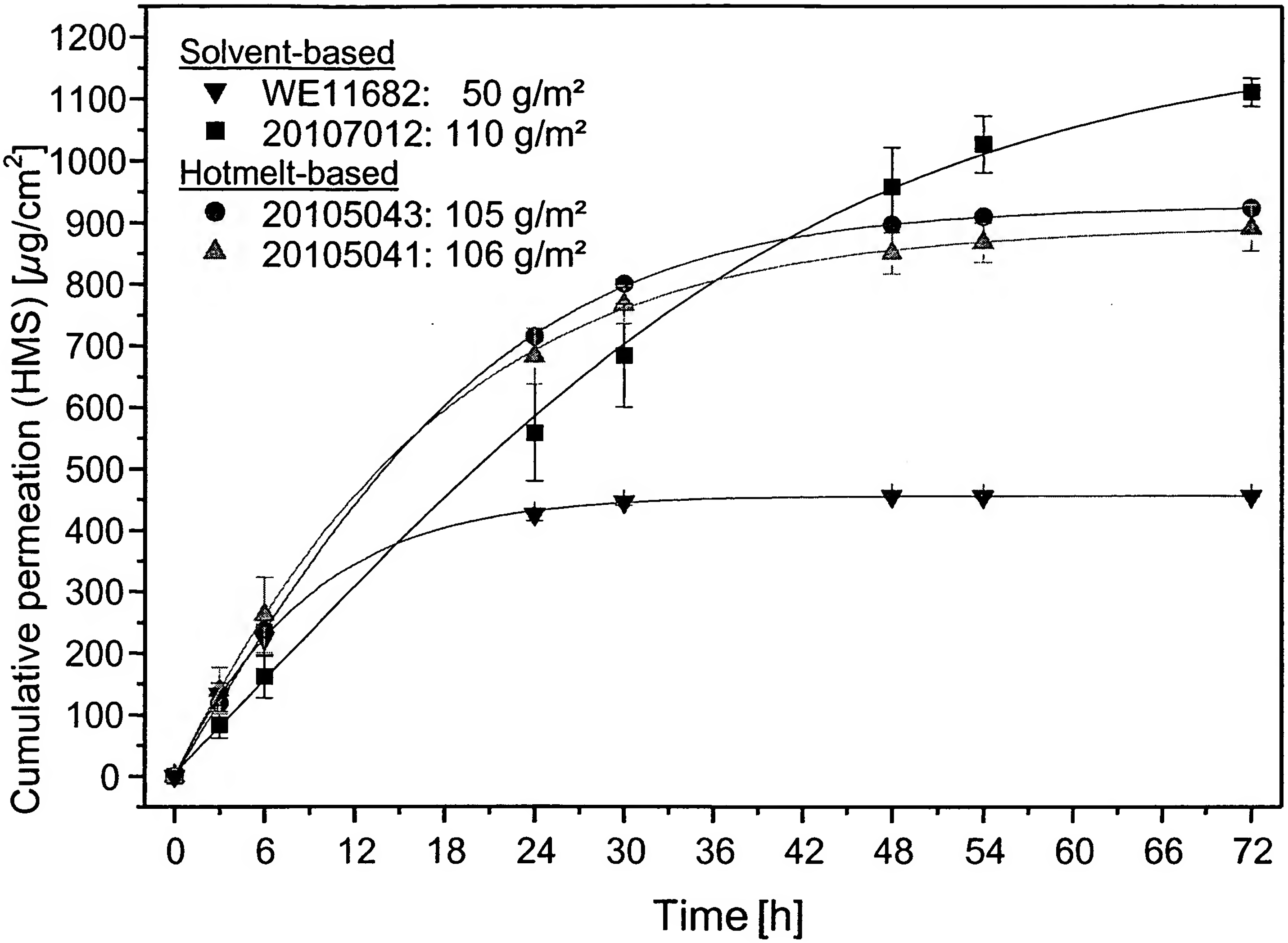

Figure 1a: Release through murine skin (HMS) from TTS containing 9% (w/w) Rotigotine

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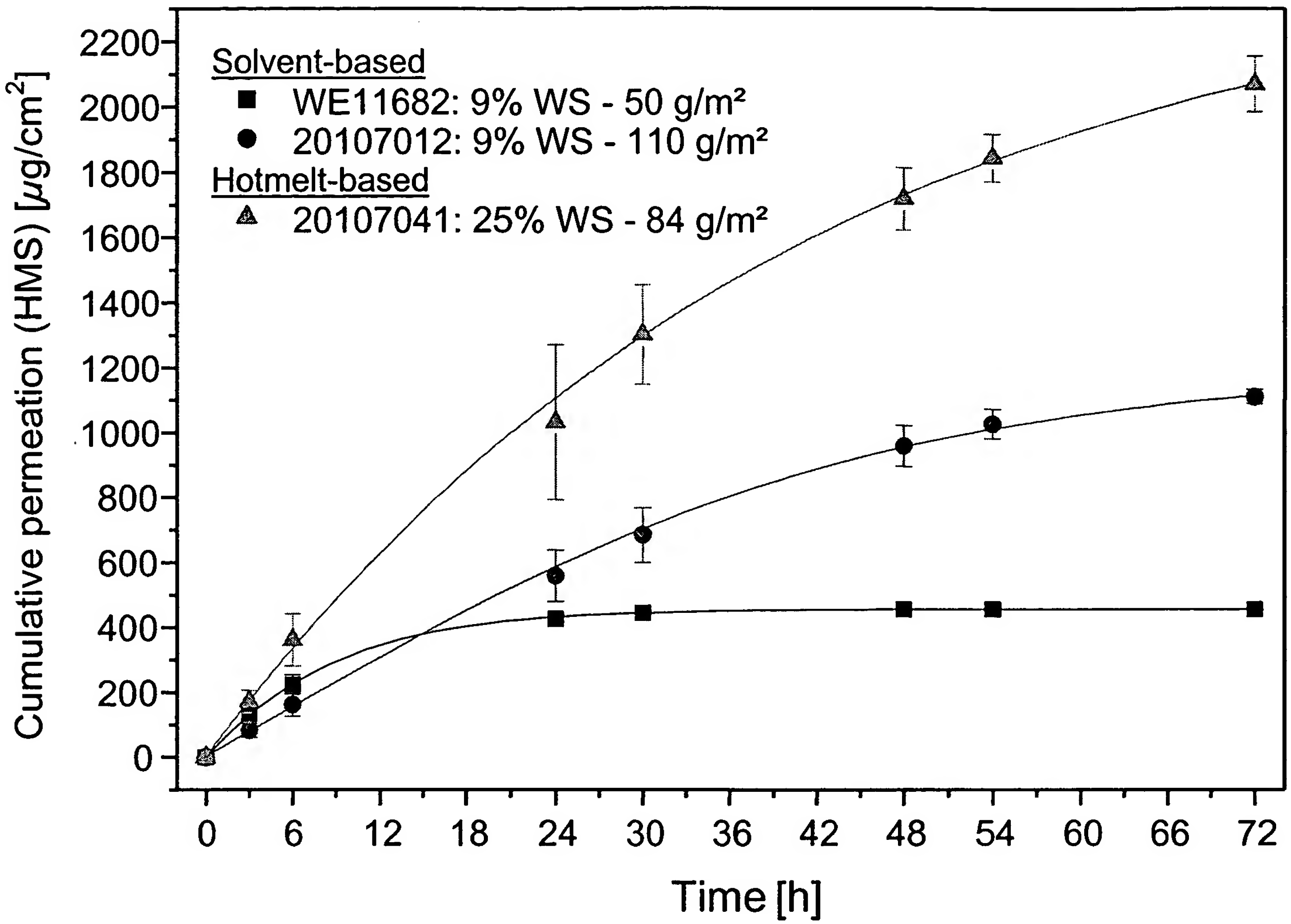

Figure 1b: WS permeation from hotmelt silicone TTS containing 25% Rotigotine (WS)

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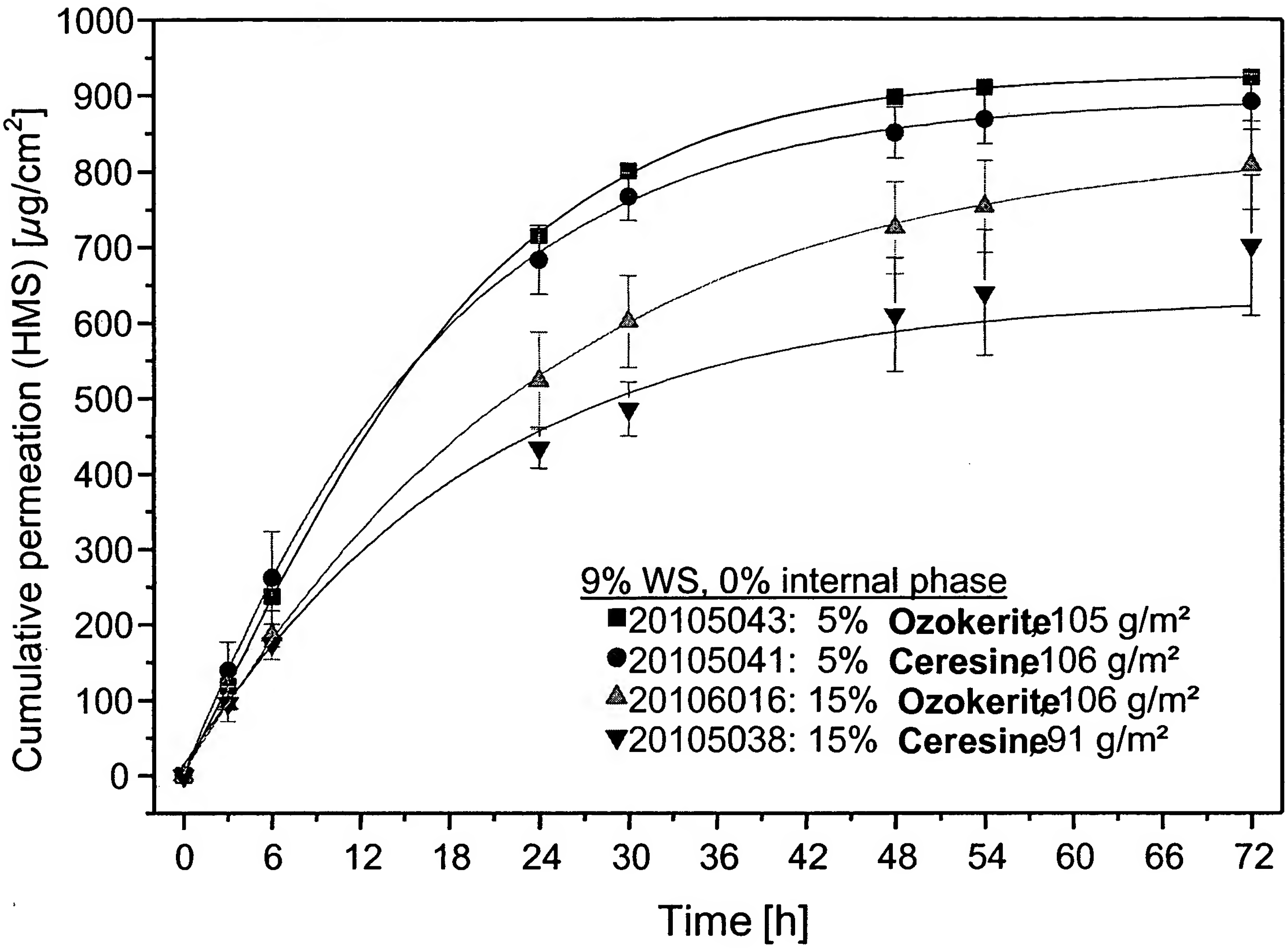

Figure 2: Effect of the wax content on Rotigotine (WS) permeation

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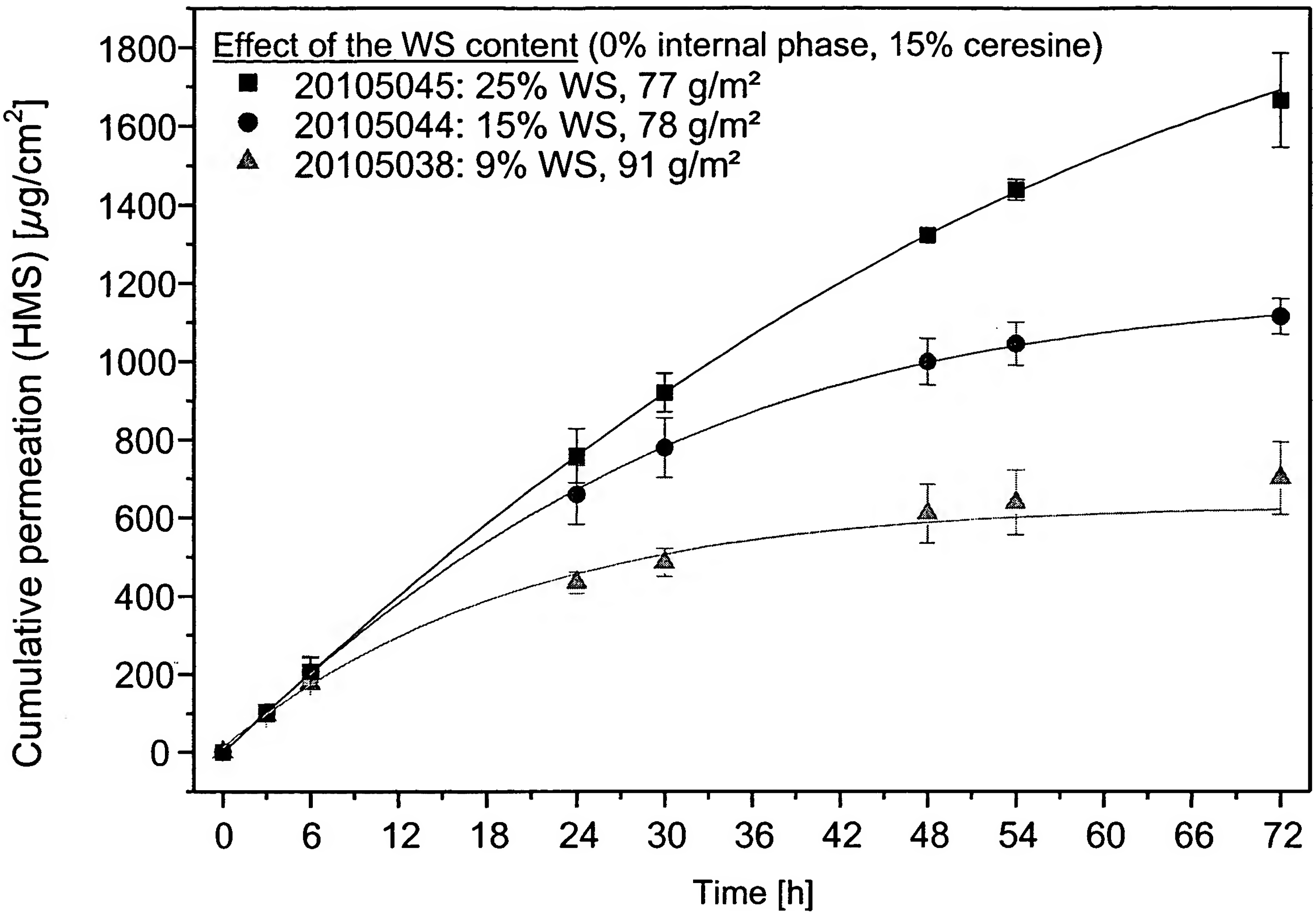

Figure 3a: Effect of the load level on Rotigotine permeation

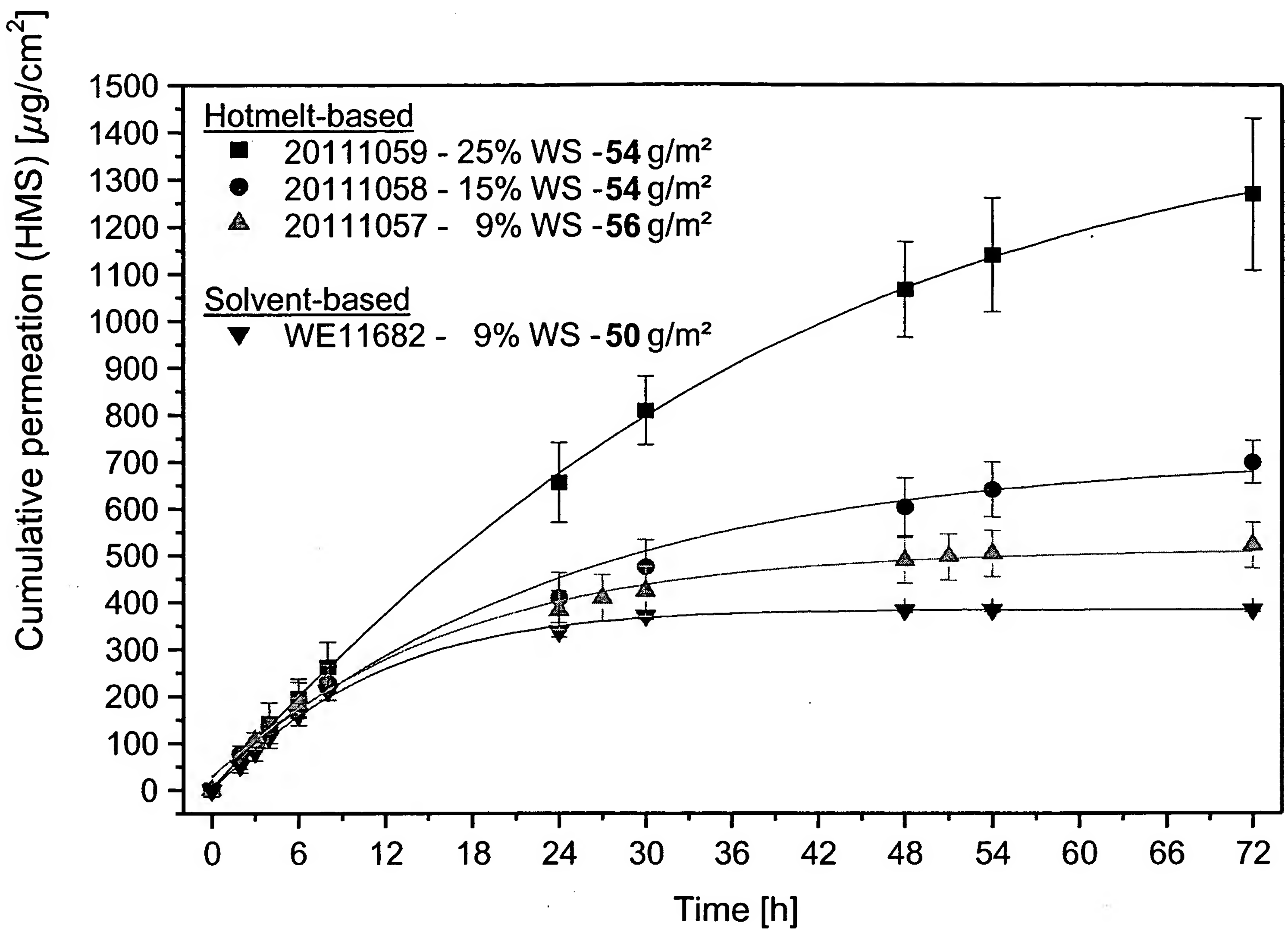

Figure 3b: Effect of the Rotigotine load level on Rotigotine permeation

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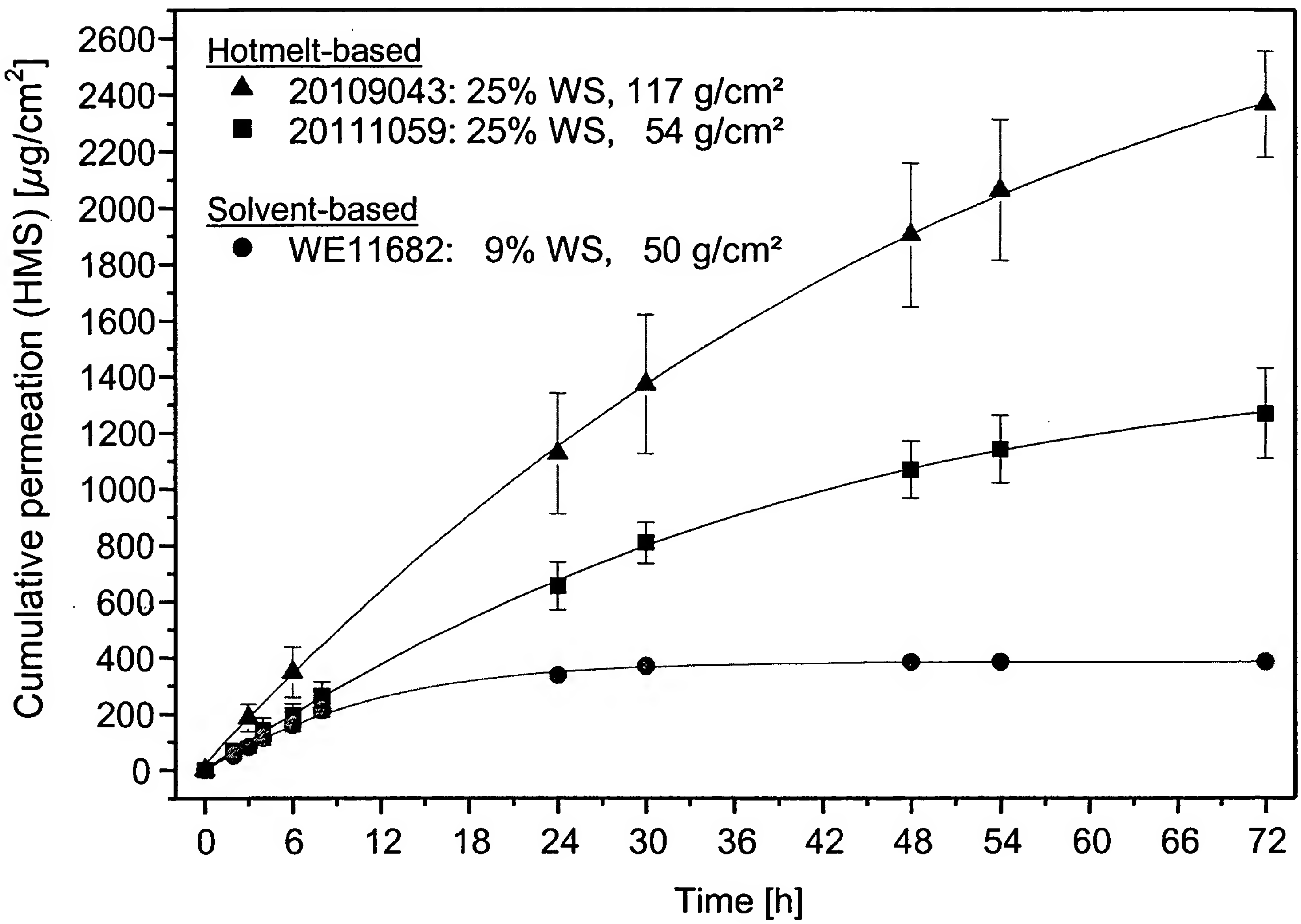

Figure 4: Effect of the matrix weight on Rotigotine permeation

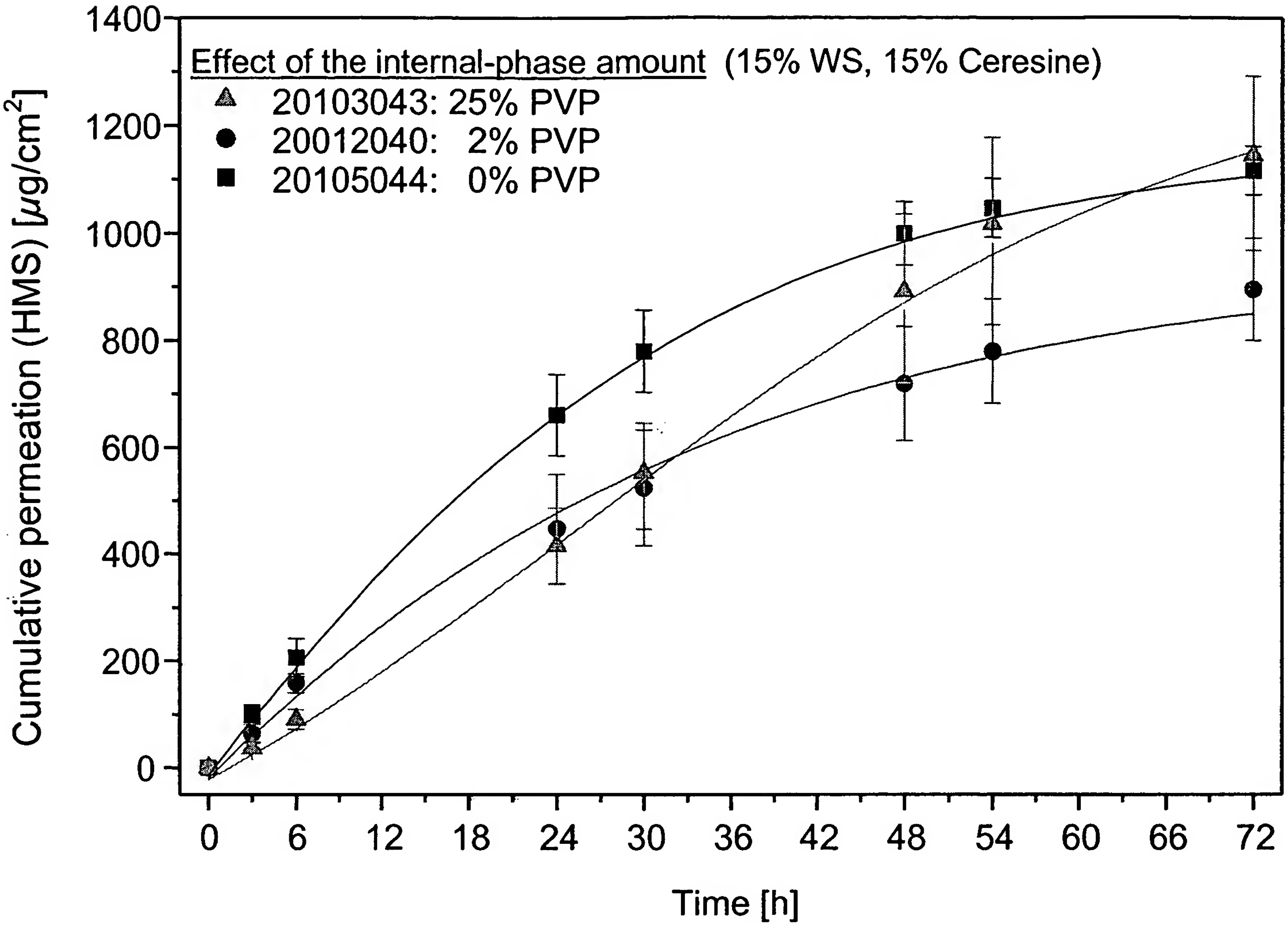

Figure 5a: Effect of the internal-phase (PVP) content on Rotigotine permeation

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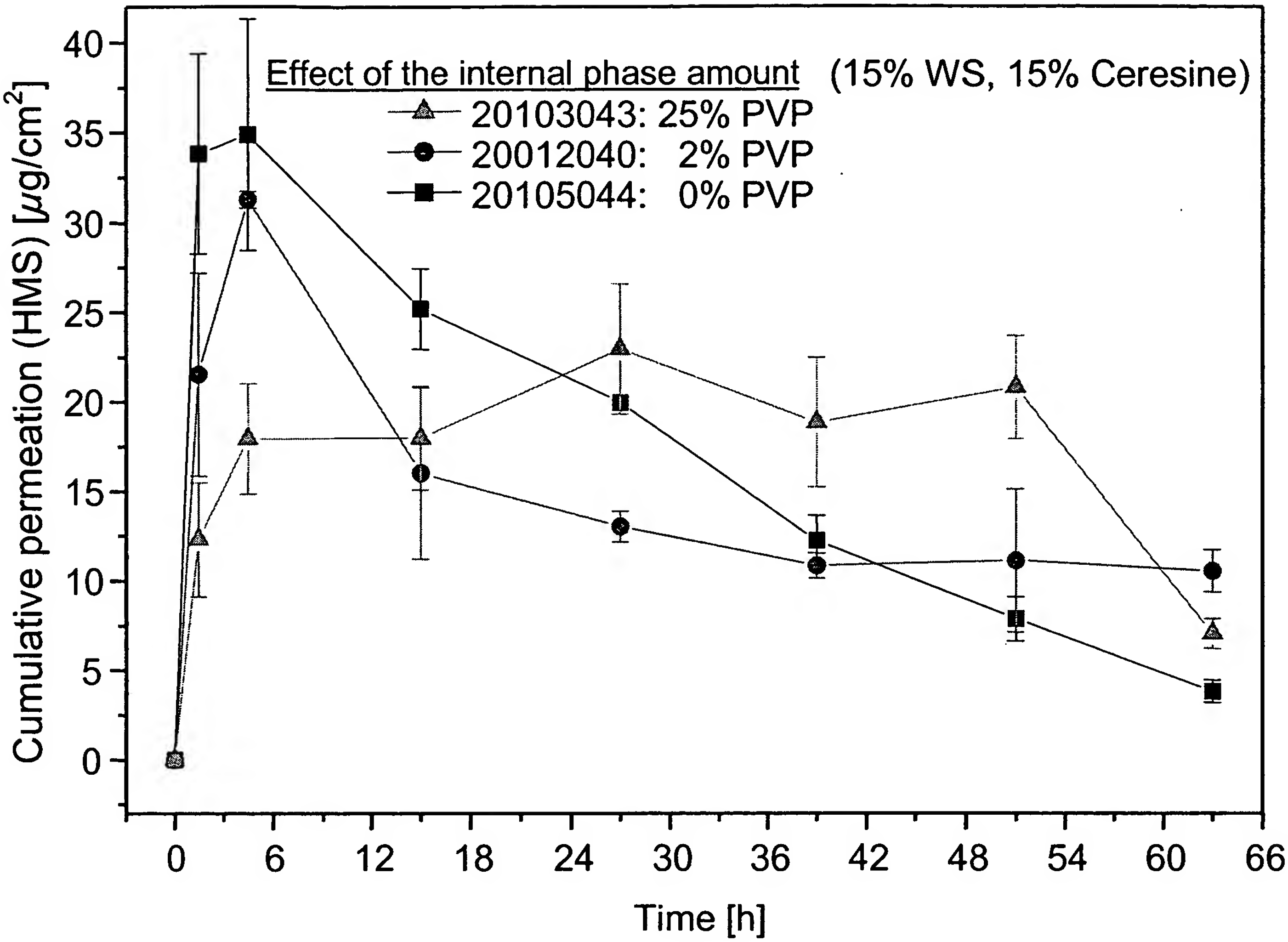

Figure 5b: Effect of the internal-phase (PVP) content on Rotigotine permeation

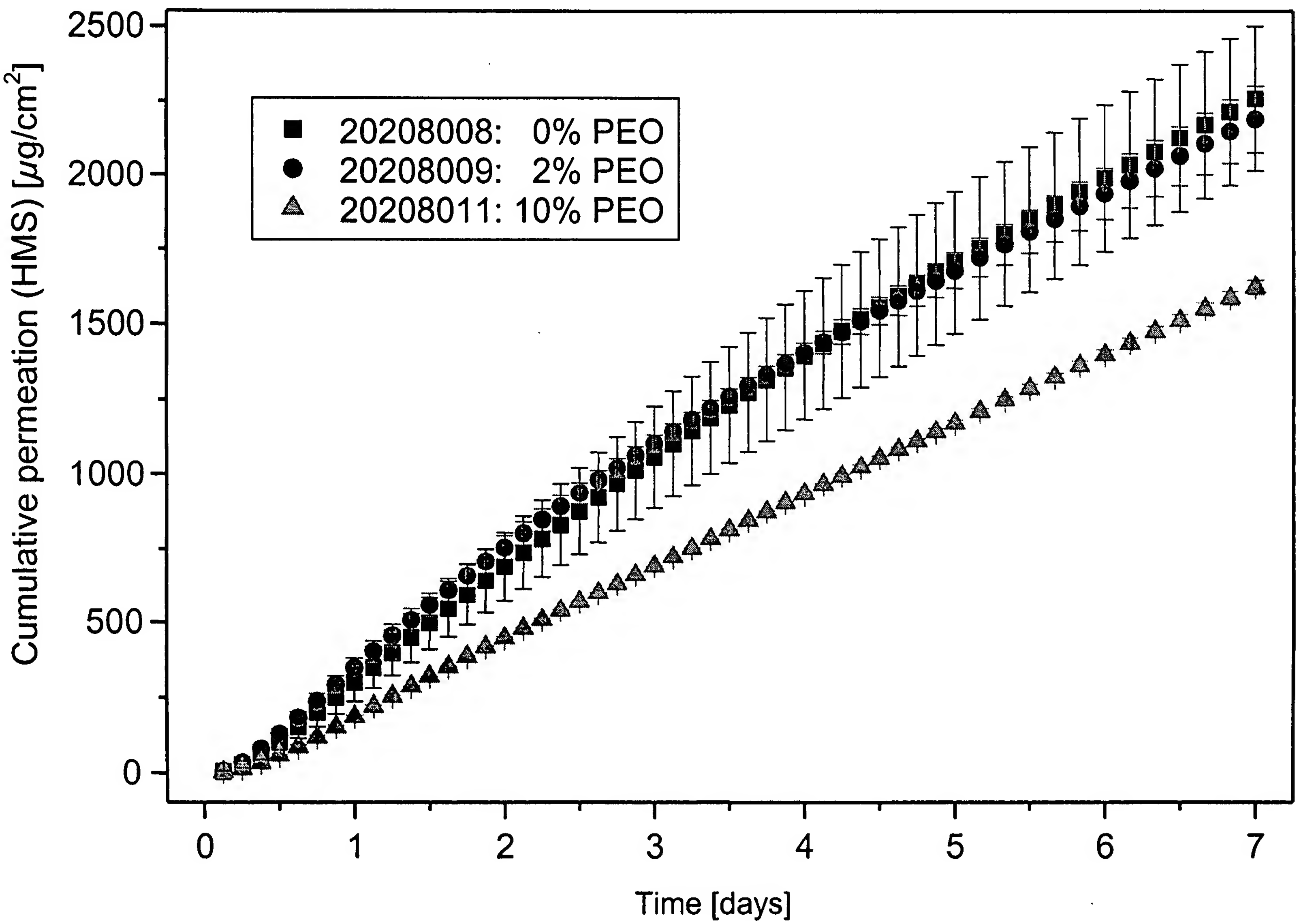

Figure 5c: Effect of the internal-phase (PEO) content on Rotigotine permeation

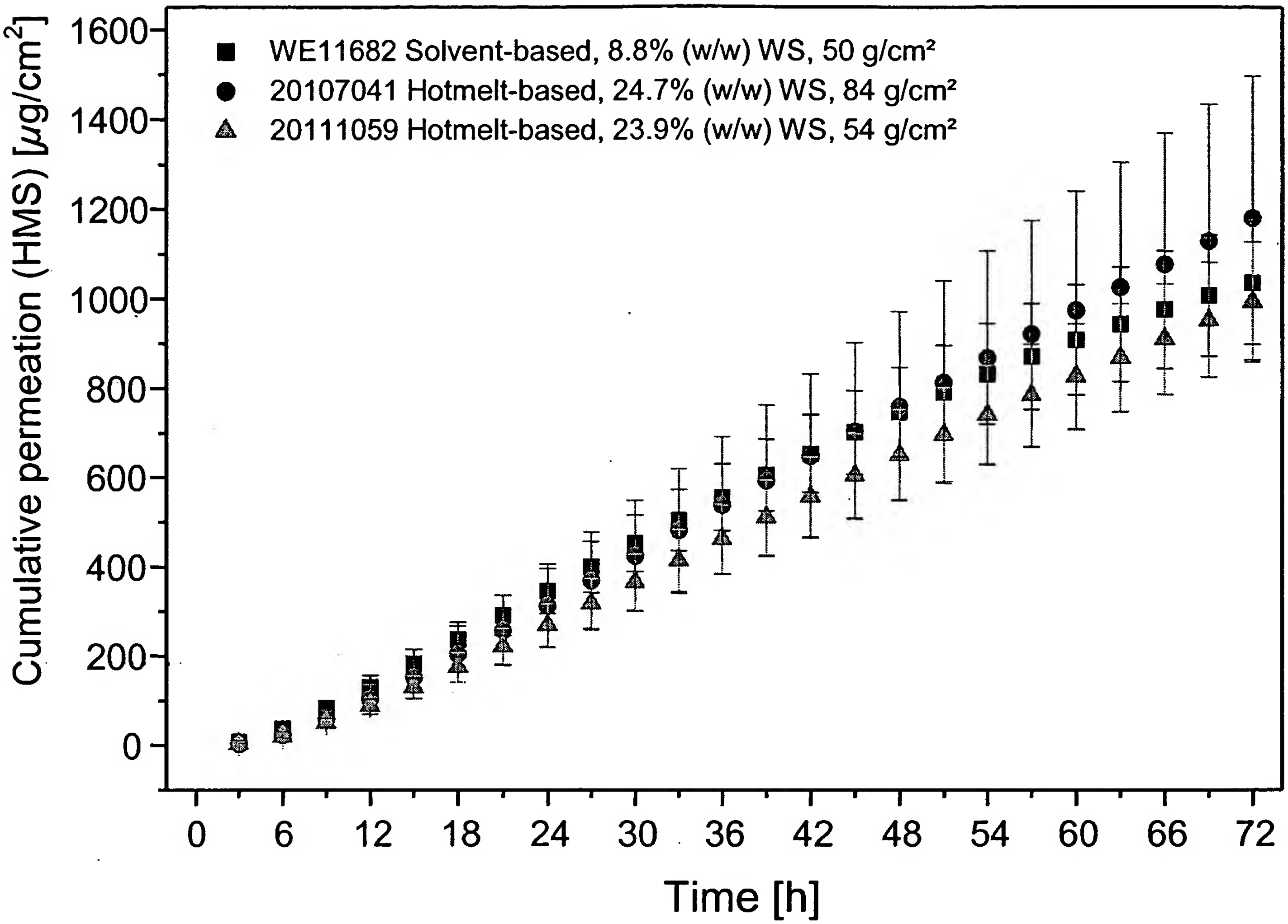

Figure 6a: Comparison of the cumulative Rotigotine permeation through human skin (EHS/SS)

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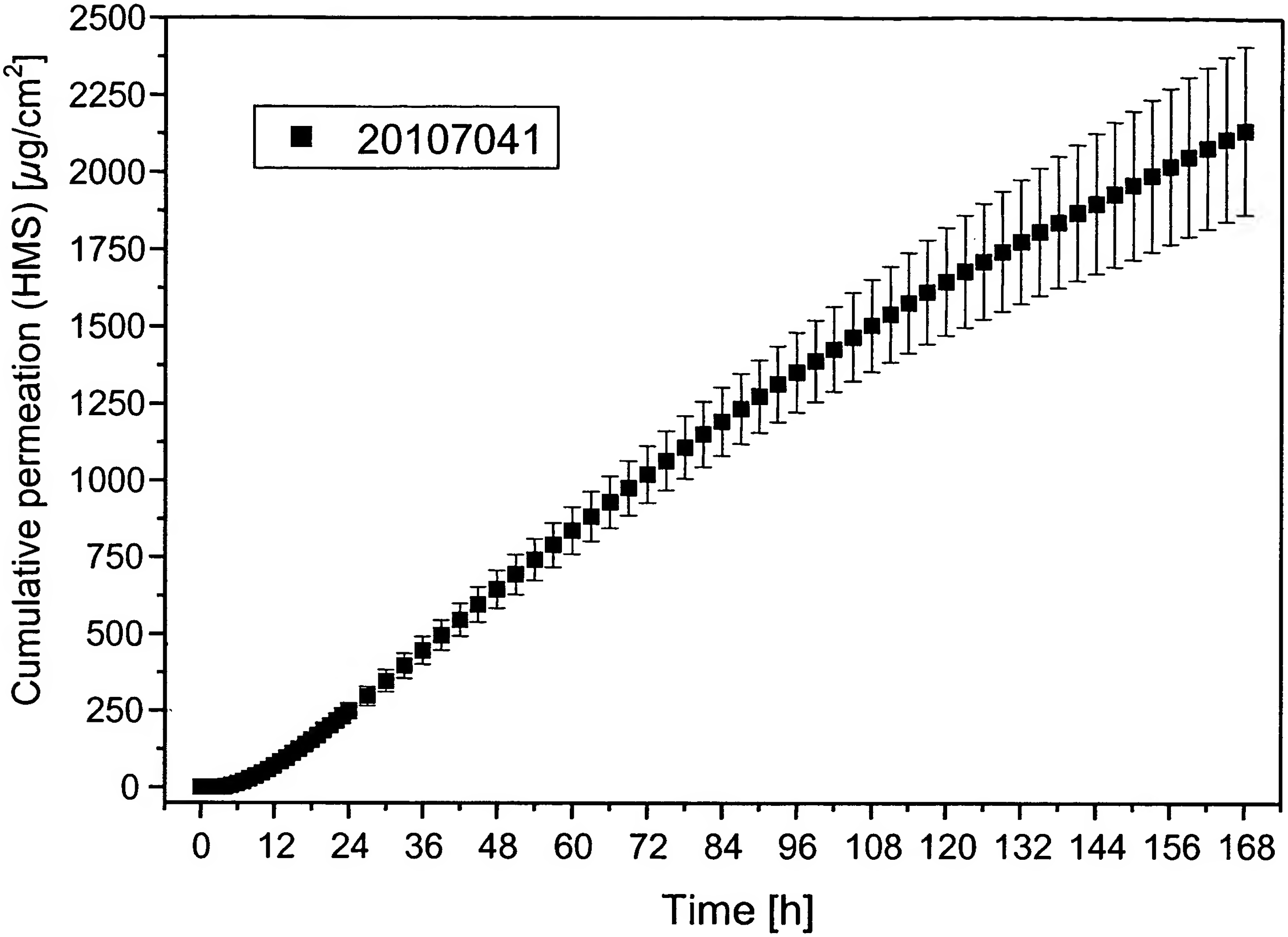

Figure 6b: Permeation of Rotigotine from a silicone-based hotmelt patch (25 weight% Rotigotine) through human skin

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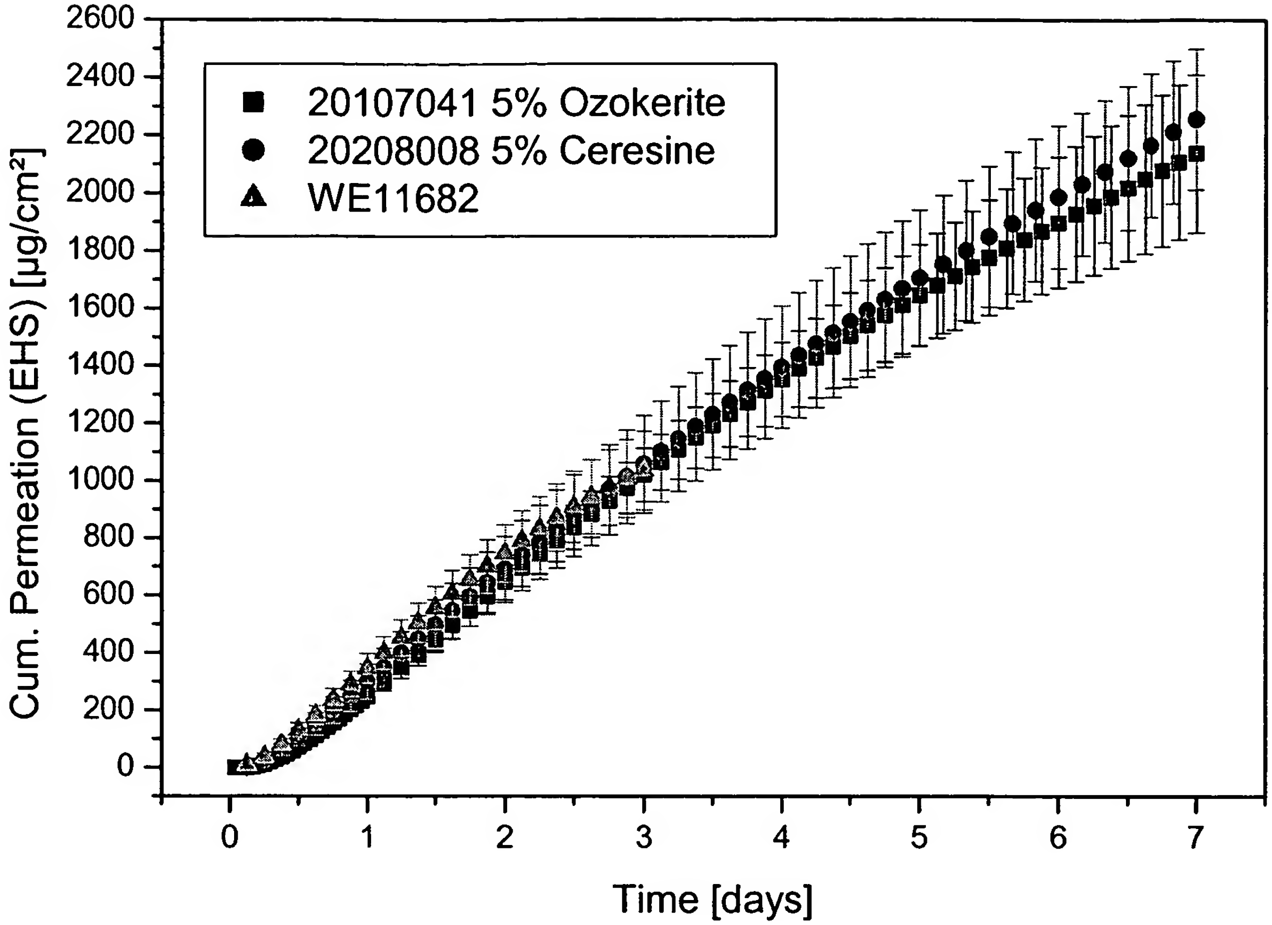

Figure 6c: Equivalence of the two hotmelt waxes (25% (w/w) Rotigotine) in terms of flux through human skin in comparison with the Phase III clinical sample

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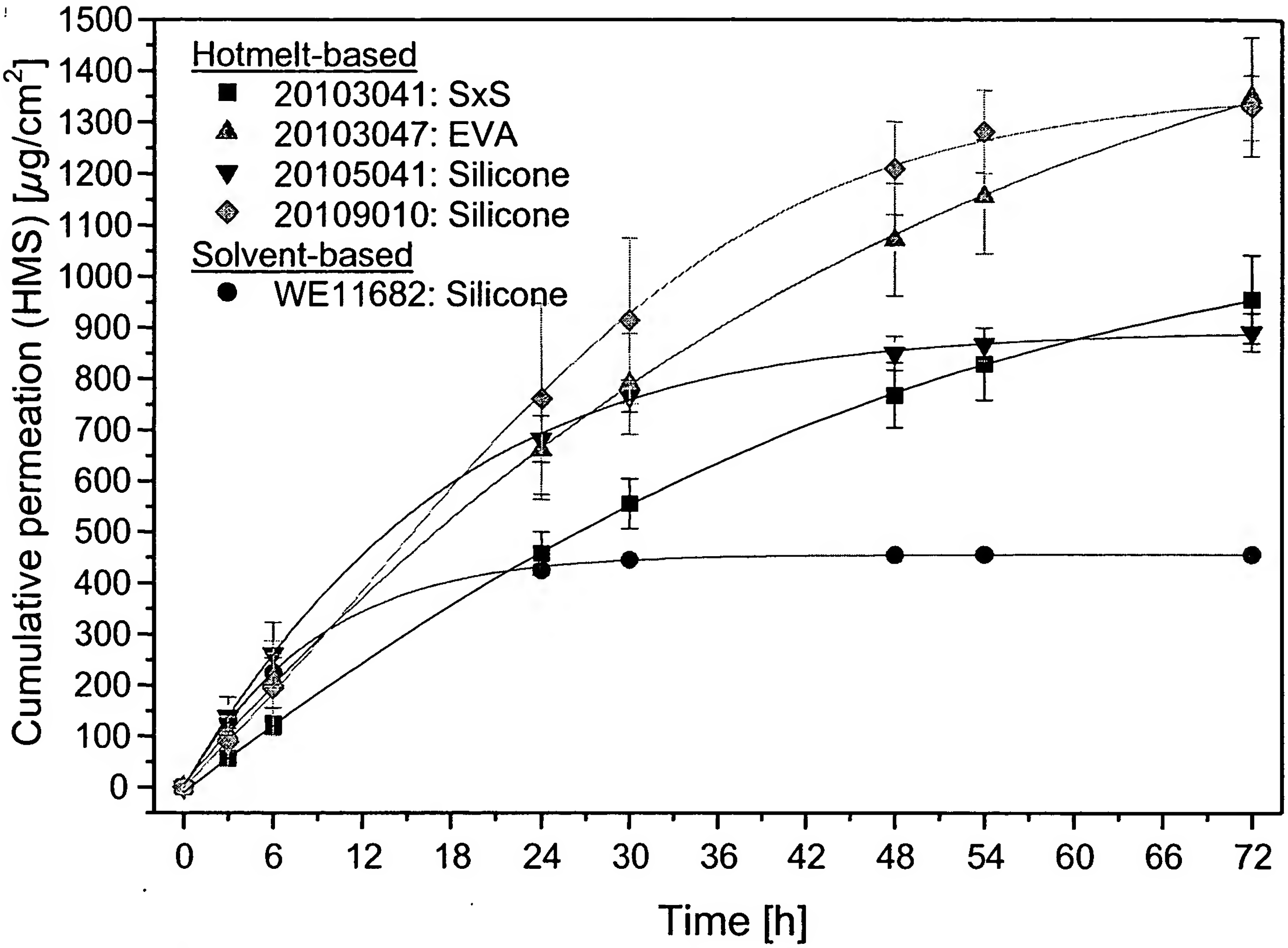

Figure 7: Rotigotine permeation from TTSs based on different hotmelt adhesives

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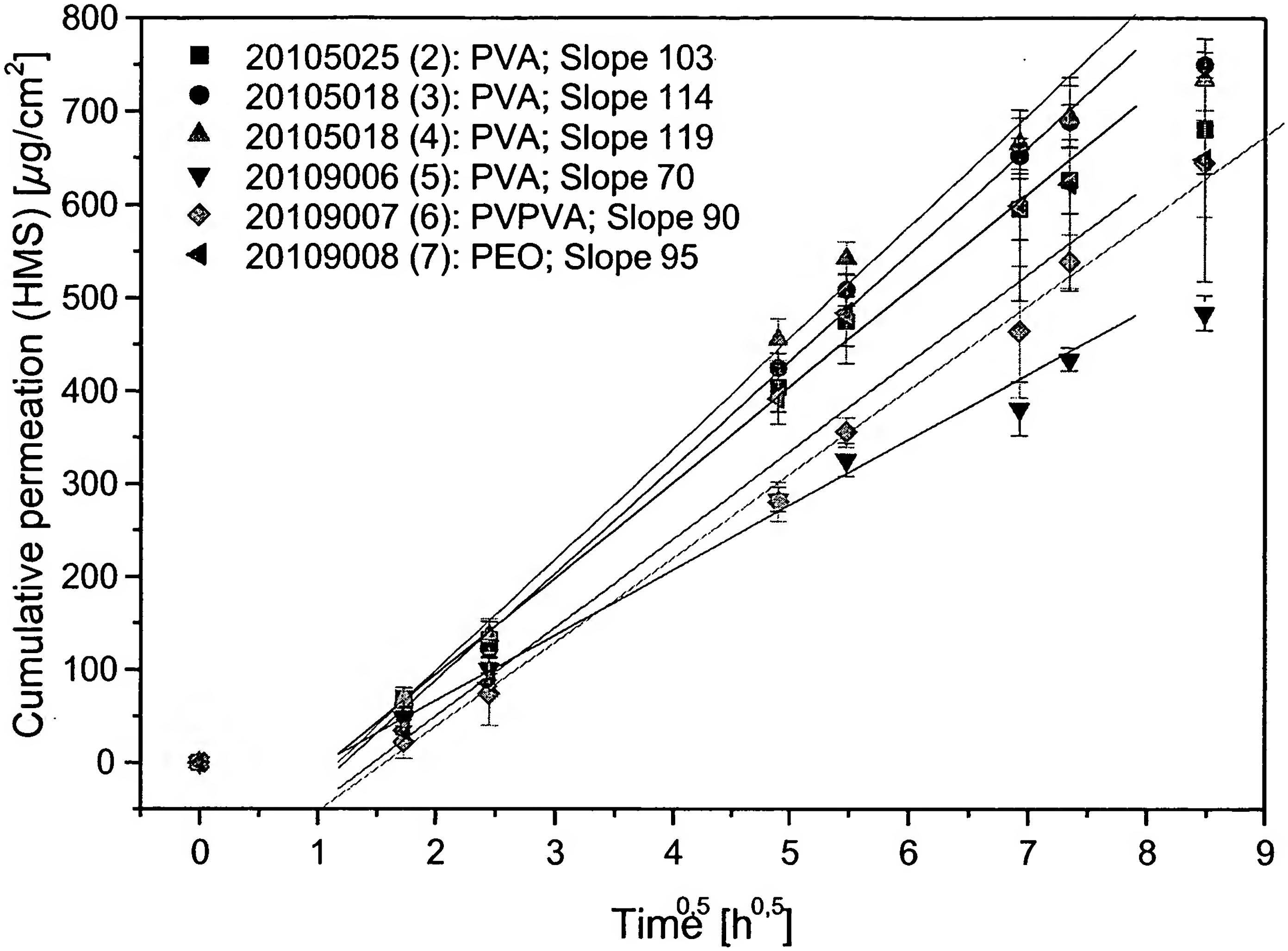

Figure 8: Rotigotine permeation from hotmelt silicone TTSs with different internal phases

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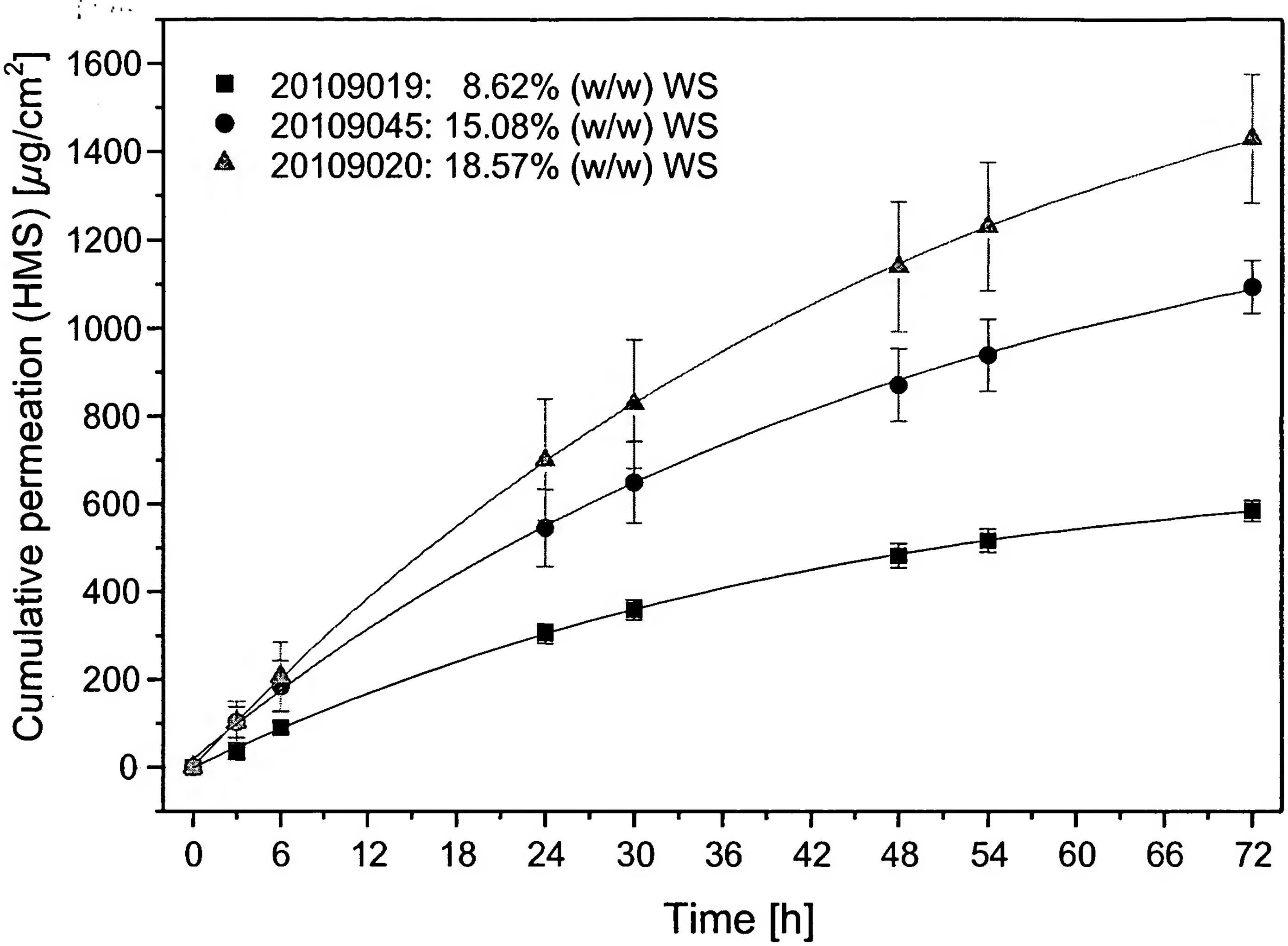
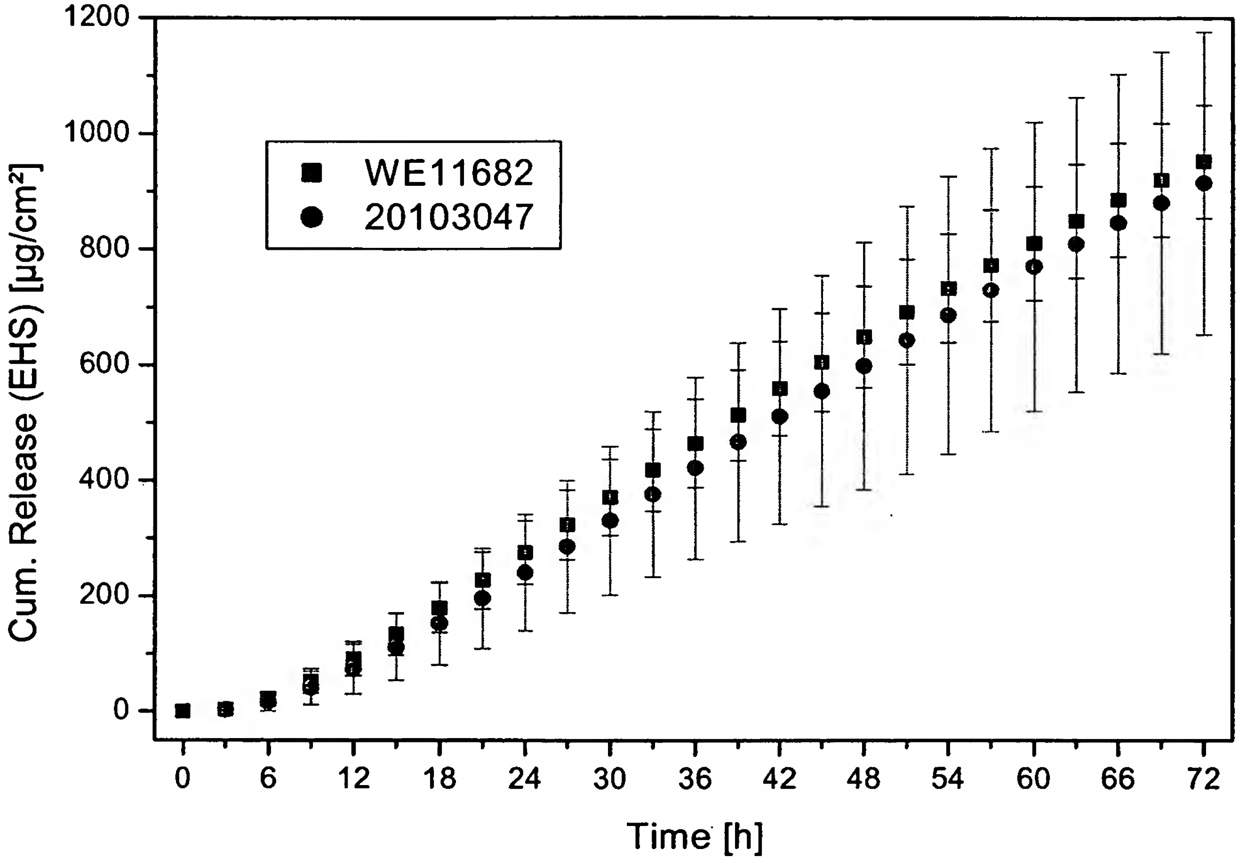


Figure 9: Rotigotine permeation from hotmelt EVA TTSs through murine skin

Figure 9a: More highly loaded EVA hotmelt (20103047; 16.2% (w/w)) through human skin in comparison with the Phase III clinical sample (WE 11682; 9 % (w/w))



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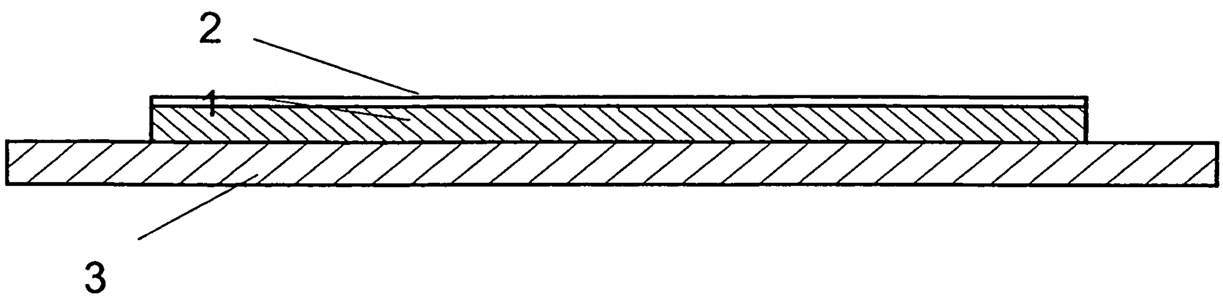

Figure 10: Schematic example of a TTS configuration

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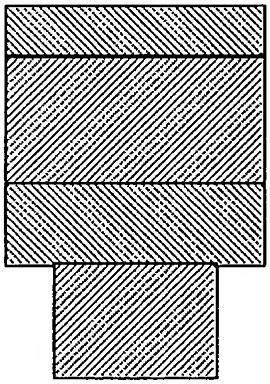
Figure 11:



Patch, surface area = 2.545 cm^2

Human skin, surface area = 2.545 cm^2, ~ 250 μm

Silicone membrane, surface area = 2.545 cm^2, 250 μm

Diffusion cell, surface area = 1.131 cm^2
With acceptor, area = 0.552 cm^2